BHRUHATH BANGALORE MAHANAGARA PALIKE

Detailed estimate for the work of :-Preparation of immerssion tank in rachenahalli lake in ward no.7 Byatarayanapura

Est cost :7.00 Lakhs

Sl. No.	Items	No.	Measurements L	B	D		Qty	Rate	Amount
	PREPARATION OF IMMERSION NEAR RACHENAHALLI LAKE (Permanent Tank)								
1	Supply of Drinking Water through water tankers of Capacity 5000 Liters Hiring of Water Tanker (Page No. XXXVIII, Code No. 1032) For 5000 Liter Capacity =450.60 =242.80 2					per day	1 **1**	242.80	**242.80**
	1023 - Hire Charges of Tractor 40 HP including Operator and Fuel (P. XXXXIV/I. 19) PWD SR 2016-17					per day	1 **1**	1520.00	**1520.00**
	Procurement of Water --Rs. 216.00 / Load (5000 Liters) Considering 5000 Liters cost is Rs. 108.00/Load Considering 5 Loads/Day 5X108.00=540.00					Per Load	5 **5**	108.00	**540.00**
	Engaging Heavy Mazdoor **(Page No. XXXXXII, Sl No. 5, PWD SR 2016-17)**						1 **1**	259.88	**259.88**
									2562.68
						For 1 Load			**2562.68/5**
									512.54
						Say			**513.00**
			11x10				110.00		
							110.00	513.00	**56430.00**
2	Earthwork and removal of silt or silt mixed with sand in slushy condition from canal bed including jack well disposing of the same in spoil bank or on canal emebankment in layers as directed etc., complete with initial lead upto 50m and all lifts								
	Before immersion	1	20.00	20.00	2.00		800		
	After Immersion	1	20.00	20.00	1.50		600		
							1400	104.00	145600.00
3	HOM for pumping of 3.5 KL/Hr capacity pump (Page No. xxxxvii, Sl No. 49,)								
	Pumping of waste from immersion Tank		1	11 Days			11	50.00	550.00
4	Earthwork excavation in oriidnary soil for levelling and lowering the ground manually (Other than foundation of buildings culverts road and treches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m excavated surface levelled and neatly dressed disposed earth to be lvelled after breaking clods and neatly dressed as per specifications., Specification no.KBS 2.1(a) Pg No. 5.Item No.2.1								
	Berm cutting and jungle clearance		1	19.00	19.00	0.2	72.2		
			1	19.00	19.00	0.2	72.2		
							144.4	166.42	24031.05
	Basic rate		**157**						
	Area Weigtage 6%		9.42						
	Total		**166.42**						
5	Supplying and spreading stone dust for the existing surface to fix shamiyana etc., (Page No. 50.)								
			1	25.00	18.00	0.1	45		
			1	25.00	19.00	0.1	47.5		
							92.5	800.00	74000.00
6	Providing and fixing flex board and caution boards for the public to take suitable precautions., (Approved Rates)								
			5	1.5	1.2		9		
			5	3	1.5		22.5		
							31.5	200.00	6300.00
7	Hire charges for armless plastic chairs for (Approved Rates)								

	Items	No.	Measurements L	B	D	Qty	Rate	Amount
	for 11 days		73	11.00		803	4.00	3212.00
8	Hire charges for wooden table of size 6x4							
	Rs 40 per day, For 11 Days		10	11		**110**	40.00	4400.00
9	Hire charges for supplying and running circuit service main with sheathed aluminium wire and insulators (Approved Rates)							
			2	150		300		
			3	240		720		
						1020	9.00	9180.00
10	Hire charges for Providing Mike system including amplyfire sound box etc for announcement to take suitable precautionary measures (Approved Rates)							
			11	2		**22**	1200.00	26400.00
11	Hire charges for Shamiyana Side Wall of 8ft Light (Size ss * 200ft = 220 Rft (Approved Rates)							
			6	60		**360**	17.00	6120.00
12	Hire charges for Shamiyana with Necessary Bamo Poles Erection Charges including Transportation (Approved Rates)							
			12	350		**4200**	8.00	33600.00
13	Hire charges for flooding lighting arrangements for the satge and existing immersion tank during night time (Approved Rates)							
			12	9.00		108		
			11	4.50		49.5		
			8	11.00		88		
						245.5	285.00	69967.50
14	Providing Causal Labours (Unskilled mazdoor Heavy) (PWD SR 2016-17 Page No. LIV / I. 5)							
	During day= 10 During night=15		25	11.00		275	258.88	71192.00
15	1321 Hire charge of 100 KVA Generator including operator, Fuel, transportation and Handling charges (PWD SR 2016-17 (P.XXXXVII / I.92)							
		Hrs	75			75	630.00	47250.00
16	Lead for diposal of debris shall be payable at carriage rates mechanical means including loading and unloading .							
	Average weight of earth 1.28 tonne/Kg for 2.50x1.28x2.00		6.4		cum			
	Add loading and unloading charges vide Item No.17.1 Pg No.		68					
			74.40					
	Area weightage 6%		4.46					
			78.86			**1540.00**	78.86	121450.56
	Average weight of earth 1.28 tonne/Kg for							
17	Missicellenous					Total:-		**699683.1**
18	**Total**							**316.9**
								700000.00

Certificate:-

1)This is certified that the work spot comes under corporation limits only.

2)The rates are as per CSR of 2016-17 year of PWD Bangalore Circle.

3)The Provisions made in estimate are adequate and necessary.

ADMINISTRATIVE APPROVAL

Accorded For Rs. Seven lakhs only

Head of A/c. P-1771

Div. Ref. No. 11/17-18 Date. 17/08/17

EE(BTP) 17/8

TECHNICAL SANCTION AE

Accorded For Rs. Seven lakhs only

Head of A/c. P-1771

Div. Ref. No. 22/17-18 Date 17/08/17

AE EE(BTP) 17/8

Assistant Engineer
Ward No. 3

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

Executive Engineer 17/8
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

17/08